

Research of wave processes in thermosphere by oblique sounding method

Bochkarev V., Latypov R., Petrova I., Yu T.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Research of wave processes in ionosphere is one of the directions of the works on a Doppler phase-goniometric complex of the Kazan State University. This research is based on the analysis of periodic parameters variations of oblique ionospheric sounding signal. This report describes the experimental complex, the experiment technique, experimental data and methods of their processing. The basic results of experiments of 2001-2003 and their interpretation on the basis of processes physics in Earth atmosphere are represented and reviewed.

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